

NEW SITE IDENTIFICATION

RECEIVED

MAY - 3 1999

DIV. OF ENVIRONMENTAL QUALITY
COMMUNITY PROGRAMS

Part A - To Be Completed By Observer

1. Person Initiating Report: RE James

Phone: 526-5020

Contractor WAG Manager: RE James

Phone: 526-5020

2. Site Title: Operable Unit 3-14, Tank Farm RI/FS

3. Describe the conditions that indicate a possible inactive or unreported waste site. Include location and description of suspicious condition, amount or extent of condition and date observed. A location map and/or diagram identifying the site against controlled survey points or global positioning system descriptors shall be included to help with the site visit. Include any known common names or location descriptors for the waste site.

This New Site Identification Form is being submitted to create Operable Unit 3-14 (OU 3-14) and identify the previous FFA/CO sites that will be addressed as part of this Operable Unit. Previous FFA/CO sites that are included in OU 3-14 include: CPP-15, -20, -25, -26, -27, -28, -31, -32, -33, -58, and -79. The new site identified as Tank Farm Interstitial Soils CPP-96 will also be included in OU 3-14.

The Snake River Plain Aquifer inside the INTEC fenceline will also be addressed in OU 3-14.

New sites identified as Boxed Soil CPP-99, Tank Farm Shoring Boxes CPP-98, and Tank Farm Soil Stockpiles CPP-97, which were previously designated in OU 3-14 will be addressed in OU 3-13.

The Draft RI/FS SOW will be submitted for agency review on or before 30-Jun-99, the enforceable milestone. The RI/FS SOW will include definition of all other enforceable milestones.

Part B - To Be Completed By Contractor WAG Manager

4. Recommendation:

☒ This site meets the requirements for an inactive waste site, requires investigation, and should be included in the INEEL FFA/CO Action Plan. Proposed Operable Unit assignment is recommended to be included in the FFA/CO.
WAG: 3 Operable Unit: 3-14

☐ This site DOES NOT meet the requirements for an inactive waste site, DOES NOT require investigation and SHOULD NOT be included in the INEEL FFA/CO Action Plan.

5. Basis for the recommendation:

The described sites included in OU 3-14 are located in the area of the Tank Farm and adjacent to the Process Equipment Waste (PEW) evaporator building. The sites consist of soil contamination that resulted from spills and pipeline leaks of radioactive liquids from transfer operations. Limited site investigations have been conducted at these sites because many of the spill areas occur in operational and radioactive areas.

Based on the results of drilling and sampling, the extent of contamination is generally localized at the site of the spill or leak, but contamination has been found to extend beyond the soil/basalt interface at approximately 45 ft below the ground surface. Because current information regarding the nature and extent of Tank Farm contamination is inadequate to support selection of a final remedy, a separate RI/FS will be completed and referenced as OU 3-14 Tank Farm Soils.

The Snake River Plain Aquifer inside the INTEC fenceline will be addressed in OU 3-14. The evaluation will include the contaminant plume from injection wells and other major sources of SRPA groundwater contamination including the Tank Farm soils. Potential contaminants of concern are Cs-137, Sr-90, H-3, I-129, PU 238, PU 239/240, Hg, and nitrates. OU 3-14 will interface with the High Level Waste Program and D&D programs to coordinate activity at the Tank Farm and related buildings, piping, and structures.

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06/29/98
Rev. 02

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The basis for recommendation must include: (1) source description; (2) exposure pathways; (3) potential contaminants of concern; and (4) descriptions of interfaces with other programs, as applicable (e.g., D&D, Facility Operations, etc.)

6. Contractor WAG Manager Certification: I have examined the proposed site and the information submitted in this document and believe the information to be true, accurate, and complete. My recommendation is indicated in Section 4 above.

Name: RE James

Signature: *RE James*

Date: 4/22/99

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Part C - To Be Completed By INEEL FFACO/CO WAG Managers

7. WAG Operable Unit:

DOE WAG Manager Concurrence:

☒ Concur with recommendation.

☐ Do not concur with the recommendation.

Signature: *Gallagher*

Date: 4/22/99

EPA

EPA WAG Managers Concurrence:

☒ Concur with recommendation.

☐ Do not concur with the recommendation.

Signature: *Leidy B. Rose*

Date: 4/28/99

State of Idaho WAG Managers Concurrence:

☒ Concur with recommendation.

☐ Do not concur with the recommendation.

Signature: *Scott R. Remy*

Date: 4-22-99

Explanation follows:

Part D - To Be Completed By The INEEL FFA/CO Responsible Program Managers (RPM's)

8. FFA/CO RPM's Concurrence:

For DOE-ID

Name: Kathleen Hain

Signature: *Kathleen S Hain*

Date: 4/22/99

☒ Concur

☐ Do not concur. Explanation follows:

For EPA Region X

Name: Wayne Pierre

Signature: *Wayne Pierre*

Date: 4/28/99

☒ Concur

☐ Do not concur. Explanation follows:

For State of Idaho

Name: Dean Nygard

Signature: *Dean Nygard*

Date: 5/11/99

☒ Concur

☐ Do not concur. Explanation follows: